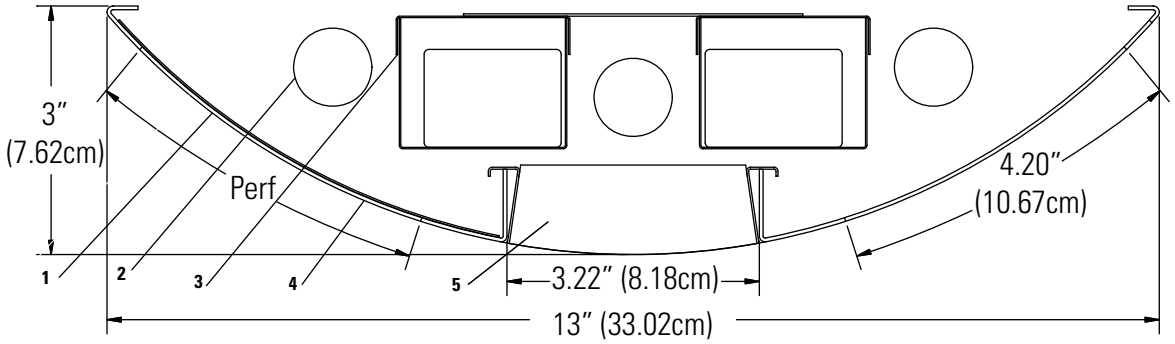
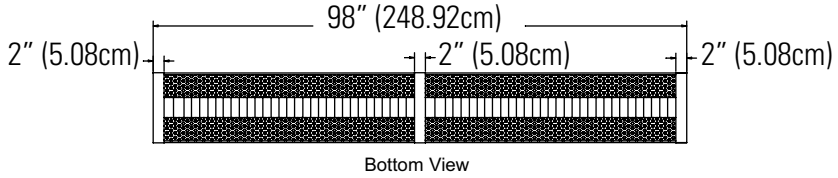
 Linear PerfLyte™ 13" (33.02cm) Perf-Louver 3-Light T8 Per 4' (121.92cm) (Nominal) Section




Bottom View

## Module Ordering Information

| Style | Series | Type | Lamps | Length | Ballast | Options |
|---|---|---|---|---|---|---|
| **LP** | **2** | **D** | **3T8** | | | |
| | | | **3T8** = 3-F32T8 | **4** = 4-Foot<br>**8** = 8-Foot | **U** = Universal Voltage<br>**E** = Emergency Pack<br>**D1** = Dimming 120v<br>**D2** = Dimming 277v | **Blank** = No Options<br>**DS** = A-B Switch<br>**X4** = 4 Wire for Dimming & Switched Emergency |

Complete ordering instructions below.

## Features

1. **Housing:** 18 gauge perforated steel with 51% open hole pattern. Holes are 1/8" (0.32cm) diameter on 5/32" (0.40cm) centers. Die-formed steel end cap with concealed access holes for through wiring. No exposed fasteners or hardware.
2. **Lamping:** Three T8 32 watt fluorescent lamps per 4-foot section. Provided by others.
3. **Reflector:** Precision die-formed CRS painted high reflectance white.
4. **Diffuser:** Opal acrylic diffuser.
5. **Louver:** Straight blade louver painted white to match housing. 3-1/4" (8.26cm) wide by 1" (2.54cm) high with 1-1/2" (3.81cm) blade spacing.

## Electrical

Ballast is universal voltage, <10% THD, .88 ballast factor, instant start. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting consult factory. Cord is 18/3 SJT. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.
**Dimming:** 120/277 VAC, 4 wire feed required.
**Emergency Battery Pack:** 40 watt: 450 lumens @ 90 minutes.

## Mountings

**Cable Suspension (not shown)** - 4-1/2" (11.43cm) diameter flat canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm) without cutting. Overlap connector to provide 46" (116.84cm) of perforated and 2" (5.08cm) solid sections contiguously without the presence of hairline connections. (See Bottom View drawing above)

## Options

**Dual Switching:** Order the DS option for separate row switching. DS option automatically ships witht he X4 option included.
**4 Wire:** Order X4 modules for remainder of the run when using dimming and/or switched emergency battery pack modules. Also, order the 4 Wire Cord Power Feed End Sets (**LP2EC36X4**) when using 4 Wire Modules.
**Emergency Circuiting:** Special circuiting - consult factory.

## Ordering Information

**Individual Fixtures:**

1. Order number of MODULES required.
2. Order one POWER FEED END SET per MODULE.

**Continuous Rows:**

1. Determine run length.
2. Order the appropriate number of MODULES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one CABLE ASSEMBLY per MODULE minus one per run.
5. For runs that exceed amperage limits, order the appropriate number of SINGLE CABLE & CORD FEEDS.

## Finish

Powder coated baked white enamel. Custom colors available, consult factory.

## Labels

UL, cUL and I.B.E.W.

**Job Information** **Type:**

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

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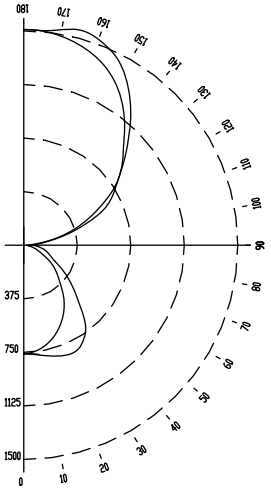
## Performance

CANDLEPOWER CURVE




REPORT NO: LRL 200-10K Covered
CAT NO: LP2D3T84U
LAMPS: 3 F32T8
LUMENS: 2900
EFFICIENCY: 68.5%

CANDLEPOWER

| ZONE ➤ DEG. ▼ | 0 | 22 | 45 | 67 | 90 |
|---|---|---|---|---|---|
| | | CANDELAS | | | |
| 180 | 1138 | 1138 | 1138 | 1138 | 1138 |
| 175 | 1135 | 1132 | 1136 | 1138 | 1135 |
| 165 | 1099 | 1109 | 1125 | 1141 | 1142 |
| 155 | 1029 | 1052 | 1080 | 1084 | 1086 |
| 145 | 905 | 944 | 959 | 965 | 967 |
| 135 | 743 | 777 | 783 | 802 | 804 |
| 125 | 611 | 620 | 638 | 682 | 661 |
| 115 | 424 | 421 | 470 | 539 | 557 |
| 105 | 242 | 245 | 299 | 293 | 289 |
| 95 | 54 | 82 | 82 | 91 | 96 |
| 90 | 14 | 25 | 47 | 65 | 74 |
| 85 | 29 | 42 | 66 | 89 | 99 |
| 75 | 87 | 103 | 137 | 162 | 173 |
| 65 | 162 | 186 | 225 | 239 | 236 |
| 55 | 288 | 318 | 372 | 405 | 405 |
| 45 | 427 | 476 | 574 | 587 | 609 |
| 35 | 610 | 661 | 739 | 830 | 866 |
| 25 | 770 | 813 | 866 | 945 | 977 |
| 15 | 887 | 920 | 952 | 990 | 994 |
| 5 | 964 | 972 | 986 | 993 | 995 |
| 0 | 977 | 977 | 977 | 977 | 977 |

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

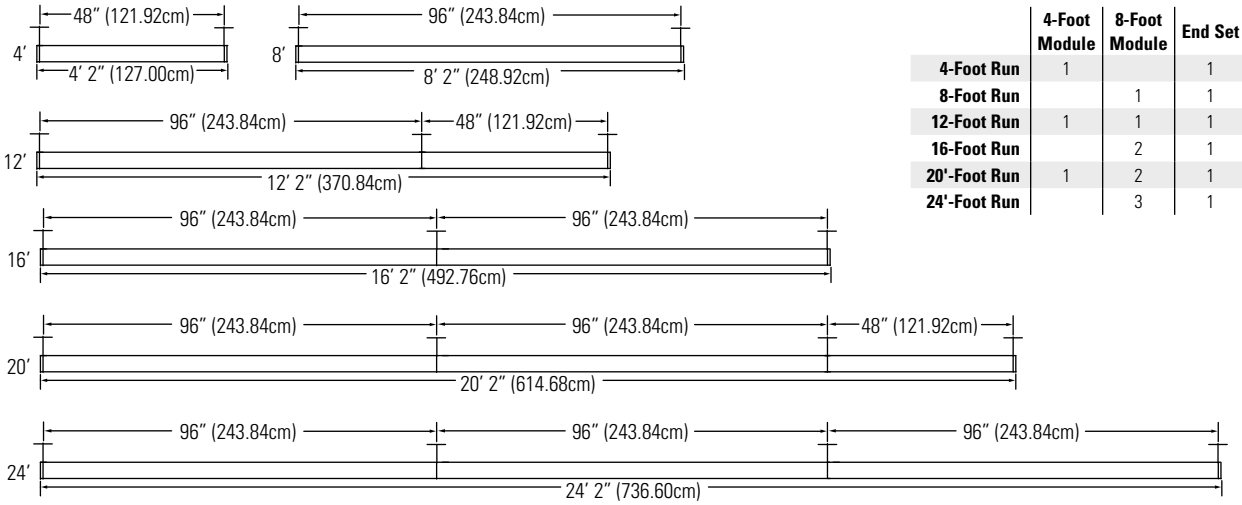
| | 80 | | | 70 | | | 50 | | |
|---|---|---|---|---|---|---|---|---|---|
| | WALL REFLECTANCE | | | | | | | | |
| ROOM CAVITY RATIO | 70 | 50 | 30 | 70 | 50 | 30 | 50 | 30 | 10 |
| 0 | 72 | 72 | 72 | 65 | 65 | 65 | 53 | 53 | 53 |
| 1 | 66 | 63 | 60 | 60 | 57 | 55 | 47 | 45 | 44 |
| 2 | 60 | 56 | 52 | 55 | 51 | 47 | 42 | 40 | 38 |
| 3 | 55 | 49 | 45 | 50 | 45 | 41 | 38 | 35 | 32 |
| 4 | 51 | 44 | 39 | 46 | 40 | 36 | 34 | 30 | 28 |
| 5 | 47 | 39 | 34 | 43 | 36 | 32 | 30 | 27 | 24 |
| 6 | 43 | 35 | 30 | 39 | 33 | 28 | 27 | 24 | 21 |
| 7 | 40 | 32 | 27 | 36 | 30 | 25 | 25 | 21 | 19 |
| 8 | 37 | 29 | 24 | 34 | 27 | 22 | 23 | 19 | 17 |
| 9 | 34 | 26 | 21 | 31 | 24 | 20 | 21 | 17 | 15 |
| 10 | 32 | 24 | 19 | 29 | 22 | 18 | 18 | 15 | 13 |

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

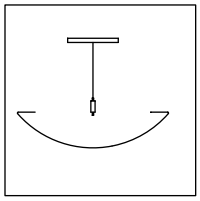
| Zone | Lumens | % Lamp | % Luminaire |
|---|---|---|---|
| 0-90 | 2397 | 27.6 | 40.2 |
| 90-180 | 3562 | 40.9 | 59.8 |
| 0-180 | 5959 | 68.5 | 100.0 |

## Fixture Lengths & Mounting Locations

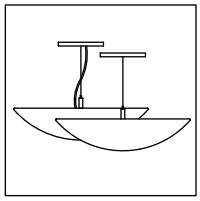



| | 4-Foot Module | 8-Foot Module | End Set | Cable/ Joiner |
|---|---|---|---|---|
| **4-Foot Run** | 1 | | 1 | |
| **8-Foot Run** | | 1 | 1 | |
| **12-Foot Run** | 1 | 1 | 1 | 1 |
| **16-Foot Run** | | 2 | 1 | 1 |
| **20'-Foot Run** | 1 | 2 | 1 | 2 |
| **24'-Foot Run** | | 3 | 1 | 2 |

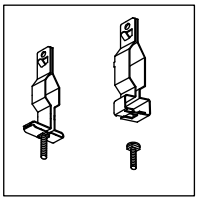
## Mounting Accessories



**Cable/Joiner Assembly**
*Standard Cable Length is 36" (91.44cm)*
Single Cable: **LP2C36**
Single Cable & Cord: **LP2CC36**
Single Cable & 4 Wire Cord: **LP2CC36X4**



**Power Feed End Set**
*Standard Cable Length is 36" (91.44cm)*
Straight Cord: **LP2EC36**
4 Wire Cord*: **LP2EC36X4**
** use for dimming and/or emergency battery packs*



**Ceiling Grid Kit**
**CGK**
Includes both Standard 1" (2.54cm) Tee Bar Clip & Slot Tee Clip

**Job Information** **Type:**

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